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Modified 02-03

PTO/SB/21 (01-03)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application / Conf. No.	10/783,216 / 6678
	Filing Date	February 20, 2004
	First Named Inventor	Tim Tuan
	Examiner Name	Nelson C. Lam
	Art Unit	2825
	Patent No.	
Mail Stop: <b>AMENDMENT</b>	Attorney Docket Number	<b>X-1462-1P US</b>
Express Mail Receipt No.		
Total Number of Pages in This Submission		

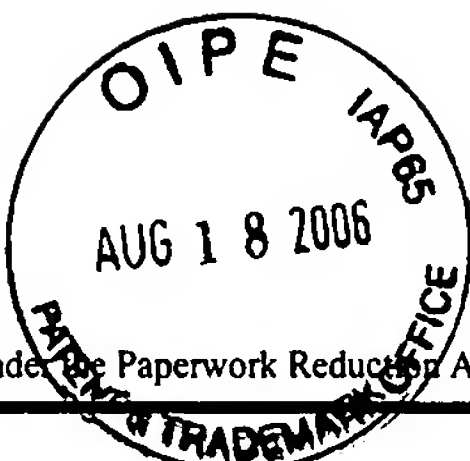
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet)	<input type="checkbox"/> After Allowance Communication to
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Declaration / Oath	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Affidavit(s)/declaration(s)	<input type="checkbox"/> Petition -	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Change Status to LARGE ENTITY	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement (Supplemental)	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A)		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Customer Number	<b>24309</b> (Customer Number)	Reg. Number 51,959
Attn: Justin Liu		
Signature		
Date	August 16, 2006	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date:			
Typed or Printed Name	Julie Matthews		
Signature		Date	August 16, 2006

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Approved for use through 10-31-2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/17 (10-02)

**FEE TRANSMITTAL  
for FY 2005**

Patent fees are subject to annual revision

**Complete if Known**

Application / Conf. No.	10/783,216 / 6678
Filing Date	February 20, 2004
First Named Inventor	Tim Tuan
Examiner Name	Nelson C. Lam
Art Unit	2825
Attorney Docket No.	X-1462-1P US

**TOTAL AMOUNT OF PAYMENT (\$)** 180.00**METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge indicated fees, any additional fees required, and credit any over payments to:☒ Deposit AccountDeposit  
Account  
Number

24-0040

Deposit  
Account  
Name

XILINX, INC.

**FEE CALCULATION****1. BASIC FILING FEE****Large Entity**

Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	Utility filing fee	
1002	330	Design filing fee	
1003	510	Plant filing fee	
1004	790	Reissue filing fee	
105	160	Provisional filing fee	

**SUBTOTAL (1)**

(\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra	Fee from below	Fee Paid
20** =	X		
Indep. Claims - 3** =	X		
Multiple Dependent Claims	X		

\*\*or number previously paid, if greater; For Reissues, see below

**Large Entity**

Fee Code	Fee (\$)	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent claims in excess of 3
1203	290	Multiple dependent claim, if not paid
1204	86	**Reissue independent claims over original patent
1205	18	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$)

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**Large Entity  
Fee Fee  
Code (\$)**Fee Description****Fee Paid**

1051	130	Surcharge - late filing fee or oath	
1052	50	Surcharge - late provisional filing fee or cover sheet.	
1812	2,520	For filing a request for exparte reexamination	
1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	Extension for reply within first month	
1252	450	Extension for reply within second month	
1253	1020	Extension for reply within third month	
1254	1,530	Extension for reply within fourth month	
1255	2,080	Extension for reply within fifth month	
1401	500	Notice of Appeal	
1402	500	Filing a brief in support of an appeal	
1403	1000	Request for oral hearing	
1451	1,510	Petition to institute a public use proceeding	
1452	110	Petition to revive - unavoidable	
1453	1,500	Petition to revive - unintentional	
1501	1,400	Utility issue fee (or reissue)	
1460	130	Petitions to the Commissioner	
1807	50	Petitions related to provisional applications	
1806	180	Submission of Information Disclosure Stmt	\$180
8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	Request for Continued Examination (RCE)	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$)

180.00

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)

Justin Liu

Registration No.  
(Attorney/Agent)

51,959

Telephone

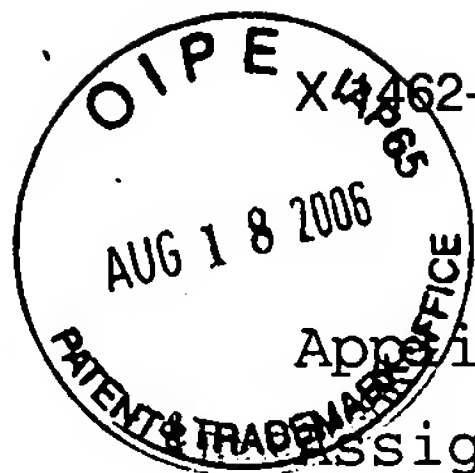
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Date

08-16-2006

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X4462-1P US

PATENT

IN THE UNITED STATES PATENT OFFICE

Applicants: Tim Tuan et al.

Assignee: Xilinx, Inc.

Title: "Tuning Programmable Logic Devices for Low-Power Design Implementation"

Serial No.: 10/783,216

File Date: 02-20-2004

Examiner: Nelson C. Lam

Art Unit: 2825

Docket No.: X-1462-1P US

Conf. No.: 6678

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Mail Stop AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. 1.56, Applicants bring to the attention of the Examiner the two (2) references listed in the attached Substitute for Form PTO-1449A/PT.

The enclosed references are being cited after the receipt of a first office action but prior to any final action.

Citation of the above documents shall not be construed as an admission that the documents are necessarily prior art with respect to the instant invention. Citation of the above documents shall not be construed as a representation that a search has been made other than as described above. Also, the citation of the above documents shall not be construed as an admission that the information cited herein is, or is considered to be, material to patentability as defined in §1.56(b).

08/21/2006 MBERHE 00000006 240040 10783216

01 FC:1806 180.00 DA

Respectfully submitted,

Justin Liu  
Attorney for Applicants  
Reg. No. 51,959

*I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on August 16, 2006.*

Julie Matthews  
Name

  
Signature

JL: jam



AUG 18 2006

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PTO/SB/08A (10-01)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 949A/PTO

(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application / Conf. No.

10/783,216

6678

**Filing Date**

February 20, 2004

**First Named Inventor**

Tim Tuan

## Art Unit

2825

Examiner Name

Nelson C. Lam

Attorney Docket Number

X-1462-1P US

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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